

Efficiency of Oxidative Phosphorylation in Plant
Mitochondria, by V. Ya. Kalacheva, N. M. Sisakyan,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 5, 1964, pp 1198-1110.

CB

May 65

Giant Virus Particles in Cultures of Influenza Virus,
by S. B. Stefanov, I. A. Graf, 3 pp.
RUSSIAN, per, Dok Ak Nauk wSSR, Biology Sciences,
Vol CLIV, No 5, 1964, pp 1195-1197.

CB

May 65

Nuclear Structures in Anaerobic Bacteria of the
Genus Clostridium, by N. A. Krasil'nikov, V. I.
Dyda, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 5, 1964, pp 1191-1194.

CB

May 65

Resistance of Microorganisms to High Vacuum, by A. A.
Imshenetskiy, N. Bogrov, et al., 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 5, 1964, pp 1188-1190.

CB

May 65

Pituicytes of the Rat Hypophysis in the Embryonic
Period and during the First Days after Birth, by
O. A. Danilova, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 5, 1964, pp 1185-1187.

CB

May 65

On the Question of Tetrahedration of
the System $MgO-Al_2O_3-ZrO_2-SiO_2$,
by P. A. Kordyuk, N. V. Gul'ko, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Chemical
Technology Sections, Vol CLIV, No 5,
Jan-Apr, 1964, pp 1183-1184.

CB

Sci
Aug 65

Bitumen-Base Homogeneous Dispersion
Mixtures Obtained by the Cavitation
Method, by G. I. Gorshenina, N. V. Mikhaylov,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Chemical
Technology Sections, Vol CLIV, No 5,
Jan-Apr, 1964, pp 1179-1182.

CB

Sci
Aug 65

Influence of Hydration of Ions on the Bulk Viscosity
of Electrolyte Solutions, by I. Z. Fisher, A. M.
Zaytseva, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1175-1178.

CB

May 65

On the Electroconductivity of Melts of Binary
Nitrite-Nitrate Systems, by P. I. Protsenko, A. V.
Protsenko, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1171-1174.

CB

May 65

280,261

Radiolysis of Aqueous Ferrous Sulphate Solutions
Under the Action of Decimicrosecond Electron Pulses,
by A. K. Pikayev, P. Ya. Glazunov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1167-1170.

CB

May 65

Measurement of the Capacitance of a Platinum
Electrode in Solutions of Sodium Acetate with
Additions of Methanol and 1,3-Butadiene, by L. A.
Mirkind, M. Ya. Fioshin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1163-1166.

CB

May 65

Radiation Fusion of Xenon Fluorides, by G. K. Lavrov-
skaya, V. E. Skurat, et al, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, 1964,
pp 1160-1162.
AEC-ORNL-Tr-173

CB

Sci-Phys
Dec 64

269,9401

Direct Electron Microscope Observation of the Polymerization of Crystalline Monomers, by V. A. Kargin, M. Azori, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry, Vol CLIV, No 5, Feb 1964, pp 1157-1159.

CB

May 65

Radiochemical Reduction of Potassium Ferricyanide in
Aqueous Solutions of H_2SO_4 , by A. V. Egunov, P. I.
Dolin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1153-1156.

CB

May 65

Paramagnetic Relaxation in Solutions of Vanadyl Salts,
by G. P. Vishnevskaya, P. G. Tishkov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1149-1152.

CB

May 65

An Investigation into the Formation of Semiconducting
Films of a Polymer Complex of Tetracyanoethylene
on Metals by the Volt-Potential Measurement Method,
by L. I. Boguslavskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 5, Feb 1964, pp 1145-1148.

CB

May 65

Detection of a Free Hydroxyl in a Rarefied Hydrogen
Flame by the EPR Method, by V. P. Balakhnin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, No 5,
1964, pp 1142-1144.
Navy Tr 3910/APL T1079

Sci - Chem
Oct 64

CB

267,997

Cyclopentadienyl Zirconium Compounds Containing
the Zr-O-Zr group, by E. Brainina.
RUSSIAN, per, Doklady Akademii Nauk. SSSR
Vol. 154, No. 5, 1964, pp 1113-1114
OSIRO/ No. 6989

Sci -
Aug 67

335-998

Equilibrium Conditions and Hydrogen Reduction
Mechanism of Solid in the Fe-Cr-O System, by
V. F. Balakirev, H. I. Simonova, G. I. Chufarov.
RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 154 No 5,
1964, pp 1108-1111.
(T.S. 1318)
CEGB 4107

313,325

Sci - Chemistry
Nov 66

Relation of Type of Plastic Deformation
(Slip, Twinning) to Grain Size for
Polycrystalline Iron, by A. S. Drachinskiy,
V. F. Moiseyev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1078-1081.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

2678,735

Amplitude Dependence of Internal Friction
in Monocrystals of Ferroelectrics,
by L. A. Shuvalov, A. M. Shirokov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1075-1077.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,729

Internal Oscillation Modes of a Ruby Laser,
by V. K. Konyukhov, L. A. Kulevskiy, 2 pp.
RUSSIAN per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1072-1074.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,728

The Instability of Alfvén Waves of Large
Amplitude, by A. A. Galeev,
N. V. Oraevskiy, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1069-1071.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,727

Surface Wave Diffraction by an Ideally Con-
ducting Wedge, by S. S. Kalmykova,
V. I. Kurilko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1066-1068.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,724

Operators in the Representation of Secondary
Quantization, by F. A. Berezin, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 5, 1964, pp 1063-1065.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,723

Unsteady Luminescence of a Semi-Infinite Medium,
by I. N. Minin, *3 pp*
RUSSIAN, per, ~~K&K~~ Dok Ak Nauk SSSR, Vol CLIV, No 5,
1964, pp 1059-1062.
NASA TT F-8683

Ames Inst of Phys
Sci Phys. Div
Vol IX, No 2
Sci-Math & Data Proc
May 64

U.S. GOVERNMENT ONLY

259,738

A Method of Calculating the Three-Dimensional
Flow Past a body with an Attached Shock'
Wave, by G. F. Tolenin, G. P. Tynyakov, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol CLIV, No5A, 1964, pp 1056-1058.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,719

The Causes of Shock Wave Formation in
Laval Nozzles, by Yu. B. Lifshits,
O. S. Ryzhov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol CLIV, No 5, 1964, pp 1052-1055.

Amer Inst of Phys
Sov Phys .. Doklady
Vol IX, No 2

Sci
Oct 64

267,716

Completely Standard Programs, by
M. Z. Rosenfel'd, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol CLIV, No 5, 1964, pp 1050-1051.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,714

Estimate of the Length of a Closed Geodesic
in a Compact Riemann Space of Positive
Curvature, by V. A. Toponogov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1047-1049.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

The Reduction Principle in the Theory of
Stability of Motion, by V. A. Pliss, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1044-1046.

Amer Math Soc
Sov Math-Doklady
Vol Vx, No 1

Sci
Jun 64

On Universal Bcompacta of Given Weight and
Dimension, by B. Pasynkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1042-1043.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

An Application of the Method of Directing
Functionals in the Theory of Precommuting Operators,
by I. E. Ovcarenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1038-1041.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

A Non-Selfadjoint Second-Order Differential
Operator on a Halfaxis, by V. E. Ljance, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1030-1033.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

Non-Selfadjoint Operators Generated by
Jacobian Matrices, by A. V . Kuzel, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1027-1029.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

Gradient Relaxation for Nonquadratic Functionals,
by I. M. Glazman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CLIV, No 5, 1964, pp 1011-1014.

Amer Math Soc
Sov Math-Doklady
Vol V, No 1

Sci
Jun 64

Role of the Optic Analyzer in the Formation of the
Function of the Ganglia of the Sympathetic Nervous
System in Postnatal Ontogenesis, by N. V.

Shilling, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 998-1001.

CB

May 65

Characteristics of Reflexes from the Receptors of
the Endocardium of the Right Side of the Heart, by
B. I. Tkachenko, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 994-997.

CB

May 65

Postnatal Development of Enzyme Activity of the Surface
of the Small Intestine in Rats (Invertase, Peptidase,
Lipase), by N. N. Yezuitova, N. M. Timofeyeva, et al.,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 990-995.

CB

May 65

Effect of Adequate Stimulation of the Alimentary Tract on the Electrical Activity of the Cortex of the Cerebellum and Certain other Regions of the Brain in the Cat, by N. V. Bratus', 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences, Vol CLIV, No 4, 1964, pp 986-989.

CB

May 65

The Influence of Ionizing Radiation on Regeneration
of Bone, by S. A. Ivanova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 982-985.

CB

May 65

Changes in the Nucleic Acid Content of Cardiac
Muscle after Stimulation of Regeneration and
Inhibition of Cicatrization, by L. V. Akhabadze,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 978-981.

CB

May 65

Participation of Xanthophylls in Oxygen Transfer
During Photosynthesis, by D. I. Sapozhnikov,
D. G. Alkhazov, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV,
No 4, 1964, pp 974-977.
JPRS 24904

Sci - Med
Jun 64

CB
261,092

On the Auto-Oscillatory Nature of Water
Metabolism in Bean Plants, by V. G.
Karmanov, V. N. Savin, 4 pp.
RUSSIAN, per, Do k Ak Nauk SSSR, Botanical
Sciences, Vol CLIV, Jan-Jun 1964,
pp 970-973.

CB

Sci
Aug 65

Caryological Features of the Reproduction
of Chlorella Vulgaris, by M. A. Peshkov
G. B. Rodionova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Botanical
Sciences, Vol CLIV^{1/4}, Jan-Jun 1964, pp
967-969.

CB

Sci
~~ex~~
Aug65

Determination of Protein on the Basis of the
Catalytic Action of Copper in the Biuret Complex,
by B. A. Talmud, Yu. N. Il'ina, et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 4, 1964, pp 963-965.

CB

May 65

Activity of the Surface

Effect of Cycloserine on the Biosynthesis of
Glucosamine and Streptomycin, by V. A. Severina,
S. V. Gorskaya, et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 4, 1964, pp 960-962.

CB

May 65

Flavonoids of Bupleurum multinerve D. C., by V. G.
Minayeva, T. A. Volkhonskaya, 4 pp.
RUSSIAN, per, Dok ok Nauk wSSR, Biochemistry,
Vol CLIV, No 4, 1964, pp 956-959.

CB

May 65

Effect of Denervation on the Luminescent Properties
of Muscles, by I. G. Shtrankenfel'd, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 4, 1964, pp 953-955.

CB

May 65

Duration of Fluorescence of Chlorophyll at Various
Concentrations in the Absorbed State and in the
Green Leaf, by G. G. Komissarov, L. I. Nekrasov,
et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 4, 1964, pp 950-952.

CB

May 65

Photoreduction of Chlorophyll a, Bacterioviridin,
Bacteriochlorophyll, and Protochlorophyll in Non-
polar Solvents, by V. B. Evstigneyev, O. D. Bekasova,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 4, 1964, pp 946-949.

CB

May 65

The Mechanism of Manganese Deposition on Mollusk
Shells, by G. A. Zavarzin, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 944-946.

CB

May 65

Electron-Microscopic Investigations of the Ultra-
structure of the Neurosecretory Elements of the
Posterior Lobe of the Hypophysis in Albino Mice,
by A. L. Polenov, M. A. Belen'kiy, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 4, 1964, pp 940-943.

CB

May 65

Carbonization of Alkali in the Reduction of Sodium
Ferrite by Carbon Monoxide, by D. M. Chizhikov,
I. N. Kitler, et al, 6 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, No 4,
1964, pp 936-939. 9224653
AEC-ORNL-Tr-109

CB

Sci-Chem
Sep 64

267,320

Some Principles of the Strengthening of
Clay Soils by Additions of Synthetic
Structure Formers and Cation-Active
Substances-Waterproofers, by L. E.
Kuznetsova, N. N. Serb-Serbina, 3 pp.
RUSSIAN, per, Dok Ak Nakk SSSR, Chemical
Technology Sections, Vol CLIV, No 4,
Jan- Apr, 1964, pp 933-935.

CB

Sci
Aug 65

Complete Rheological Characteristics of
Bitumen-Polymeric Materials, by G. I.
Gorshenina, N. V. Mikhaylov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Chemical
Technology Sections, Vol CLIV, No 4,
Jan-Apr, 1964, pp 929-932.

CB

SciD
Aug 65

Investigation of the Influence of Absorbed Fluorine
on the Electron Work Function from Iron, by N. A.
Shurmovskaya, R. Kh. Burshtein, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 926-928.

CB

May 65

Photocatalytic Oxidation of Gaseous Isopropanol on
ZnO and TiO₂, by V. N. Filimonov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 922-925.

CB

May 65

The Effect of the Cathode Surface State on the
Character of an Electrochemical Reaction, by Z. A.
Solov'yeva, A. T. Vagramyan, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 918-921.

CB

May 65

Nuclear Magnetic Resonance in Polymers with a System
of Conjugated Bonds, by I. Ya. Slonim, Ya. G.

Urman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 914-917.

CB

May 65

Mechanism of Radical Formation When Ethanol
Solutions of Triphenylamine Frozen at 77°K
Are Exposed to Light, by N. V. Verein, G. A. Ozerova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV, No 4,
1964, pp 910-913.
Navy Tr 3819
APL T991

Sci - Phys
Jun 64

CB

261,198x

Unsteady Rate of Combustion of a Powder, by O. I.
Leipunskiy, V. I. Konlesnikov-Svirarev, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 907-909.

CB

May 65

The Oxidation Mechanism of Organic Compounds on
Solid Nonmetallic Catalysts, by I. I. Ioffe, Z. I.
Ezhkova, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 903-906.

CB

May 65

Demonstration by the EPR Method of the Participation
of a Capture Electron in Radiochemical Reactions in
Frozen Aqueous Solutions, by B. G. Ershov, A. K.
Pikayev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 899-902.

CB

May 65

Influence of Surface-Active Media on the Principles
of the Development of the Process of Gripping of
Metals during Friction, by N. L. Golego, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 897-898.

CB

May 65

Electric Conductivity and Conjugated Double Bonds in
Pyrolyzed Polyvinyl Alcohol, by A. Ya. Gel'fman,
D. S. Bidnaya, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 894-896.

CB

May 65

The Rheology of Polymers. The Universal Nature of
the Temperature Invariant Characteristic of the
Viscosity of Polymers in the Condensed State, by
G. V. Vinogradov, A. Ya. Malkin, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1965, pp 890-893.

CB

May 65

Photoionization of Phenyl Derivatives of Group 5
Elements, by F. I. Vilesov, V. M. Zaytsev, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 886-889.

CB

May 65

Measurement of the Concentration of Atomic
Oxygen and Hydrogen in Dilute Hydrogen Flame
by the EPR Method, by V. P. Balakhin,
Yu. M. Gershenson.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLIV,
No 4, 1964, pp 883-885.
Navy Tr 3820
APL T9292

CB

Sci - Chem
Jun 64

261,199

Study of the Kinetics of the Alkaline
Hydrolysis of Certain Phenyl- and
Chlorophenylglycosides, by B. N.
Stepanenko and O. G. Serdyuk.

RUSSIAN, per, Doklady Akad Nauk SSSR,
1964, Vol 154, No 4, pp 877-880.
NLL RTS 2743 (On Loan or Purchase)

Aug 65

288,871

The Effect of the Phase State on the Nature of the
Reaction of Tritium Recoil Atoms in Cyclonexane-
Benzene Mixtures, by E. N. Avdonina, An. N.
Nesmeyanov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry,
Vol CLIV, No 4, Feb 1964, pp 851-.

CB

May 65

The Effects of Supersaturation on the
Activity of Growth Centers, by A. P. Kasatkin,
2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol CLIV, No 4, 1964, pp 827, 828.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,712

Achromatic Multipole Lenses,
by S. Ya. Yavor, A. D. Dymnikov 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 4, 1964, pp 821-823.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,734

Paramagnetic Resonance of Manganese Sulfate
in a Wide Temperature Range,
by V. V. Panfilov, L. F. Vereshchagin, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 4, 1964, pp 819, 820.

C
Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 63

267,726

Functional Expansions in Statistical-Equilibrium Theory, by Yu. V. Gurikov, 4 pp.
RUSSIAN' per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 4, 1964, pp 815-818.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

S i
Oct 64

267,725

Quantities in the Theory of Angular Momentum
with Negative Parameters, Representing
the Quantum Numbers of the Angular Momentum
by A. A. Bandzaytis, A. V. Karosene, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 6, 1964, pp 812-184.

Amer Inst of Phys
Sov Phys- Doklady
Vol IX, No 2

Sci
Oct 64

267,722

Mean Density of R diation in the Metagalaxy a
and Certain Problems in Relativistic
Cosmology, by A.G. Doroshkevich,
I. D. Novikov, 3 pp.
RUSSIAN, paper, Dok Ak Nauk SSSR, Sov
Phys, Vol CLIV, No 4, 1964, pp 809-811.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,717

Transmission of Load from a Fine-Length
Stringer to an Infinite or Semi-infinite
Plate, by V. M. Tolkachev, 2 pp.
RUSSIAN per, Dok Ak Nauk SSSR, Sov
Phys, Vol XLIV, No 4, 1964, pp 806-808.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,737

Waves Generated by a Periodic System of Pressures Moving Along the Surface of a Rotating Liquid, by S. S. Voit, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol CLIV, No 4, 1964, pp 802-805.

Amer Inst of Phys
Sov Phys - Doklady
Vol IX, No 2

Sci
Oct 64

267,718

Completely Irreducible Representations of the
Second Order Real Unimodular Group, by
A. I. Stern, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 1, 1964, pp 798-802.

Amer Nath Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

On the Existence of Similar Tests for the
Behrens-Fisher Problem, by O. V. Salaevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 795-797.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Generalized Resolvents of an Isometric Operator,
by M. E. Cumakin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 791-794.

Amer Math Soc
Sov Math - ^hDok
Vol V, No 1

Sci
Jun 64

On the Possibility of Extending the Uniqueness
property of Analytic Functions to closed Nowhere
Dense Sets, by S. O. Sinanjan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 779-782.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Some New Integral Representations of Analytic
Functions, by V. S. Rogozin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 775-778.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
.Jun 64

Probabilities of Large Deviations of Sums of
Independent equally Distributed Random Variables,
by V. V. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 771-774.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Partial Topological Products, by B. Pasynkov, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 767-770.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Synthesis of Circuits from Threshold Elements, by
E. I. Neciporuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 763-766.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

,
Sci
Jun 64

Power Expansion for one-dimensional Boundary
Value Problems, by V. V. Ignatenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
NR 4, 1964, pp 760-762.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

The Cauchy Problem for Differential Operators Which
are Factorable into a Product of Wave Operators,
by S. A. Gal'pern, V. E. Kondrasov, 54pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 757-759.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

Computation Algorithms for Approximate Solution
of Operator Equations, by P. S. Bondarenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No 4, 1964, pp 754-756.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

]

Distribution of Primes in Short Progressions Mod p^n ,
by M. B. Barban, Ju. V. Linnik, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLIV,
No44, 1964, pp 751-753.

Amer Math Soc
Sov Math - Dok
Vol V, No 1

Sci
Jun 64

An Early Parasitic Stage in the Life Cycle of
Polypodium hydriforme USSOV (Coelenterata), by
E. V. Raikova, 3 pp.
RUSSIAN, per, Dok ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 742-744.

XX CB

May 65

Relationship between Intensity of Synthesis and
Breakdown of Protein in the Myocardium during
Hyperfunction of the Heart, by F. Z. Meyerson, G. A.
Malov, et al., 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 738-741.

CB

May 65

Association Between the Electrophysiological and
Histochemical Indices of Spread of the Wave of
Excitation Through the Myocardium, by G.
Bekmukhamedov, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 735-737.

CB

May 65

Formation of the Tongue in the Hynobiidae, by
A. S. Severtsov, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 731-734.

CB

May 65

Homology of the Antorbital Processes in Amphibians,
by E. D. Regel', 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 728-730.

CB

May 65

Synthesis of Nuclear RNA during Early Embryonic
Development, by K. A. Kafyani, M. Ya. Timofeyeva,
4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochemistry,
Vol CLIV, No 3, 1964, pp 721-724.

CB

May 65

Free Radical States of Some Antibiotics, by Yu. P.
Kozlov, A. Ki. Tambyev, et al., 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 3, 1964, pp 718-720.

CB

May 65

A Comparison of the Oxidation Potentials of
Illuminated Chlorophyll and Bacterial Pigments,
by B. V. Evstigneyev, V. A. Gavrilova, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophysics,
Vol CLIV, No 3, 1964, pp 714-717.

CB

May 65

Transformation of Antibiotic Formation in Actinomy-
cetes by DNA, by E. P. Matselyukh, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 3, 1964, pp 710-713.

CB

May 65